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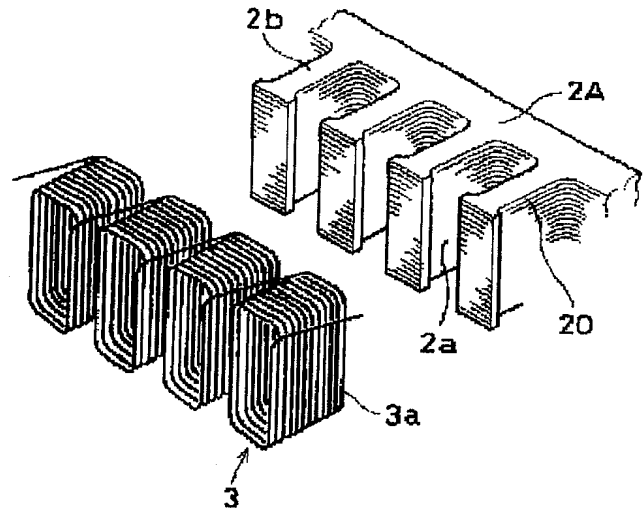
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APPLICANT : DENSO CORP;

INVENTOR : SUZUKI KAZUYOSHI;

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TITLE : STATOR OF ROTATING MACHINE  
AND MANUFACTURE THEREOF



ABSTRACT : PROBLEM TO BE SOLVED: To facilitate a winding work, by winding a wire into a prescribed shape coil, connecting the coil wires in an aligned condition to each other, fixing the whole coil into a block, and mounting it on a stator core.

SOLUTION: A straight core 2A of a stator is constituted by laminating a plurality of core sheets 20. Pole teeth 2b for winding a coil 3 between respective adjacent slots 2a by forming a plurality of slots 2a in a longitudinal direction at equal pitches. In the coil 3, a coil wire 3a is wound previously in a circular shape to be formed into a prescribed shape coil. The coil wires 3a are connected to each other, and the whole coil 3 is fixed into a block, and is then inserted in the slot 2a across the periphery of one pole tooth 2b of the straight core 2A or two or more poles 2b. As a result, the coil shape is prevented from being broken at the time of assembly, insertion into the slot 2a is easy, and thus it is possible to conduct the winding work to a stator core easily.

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